Cleveland

ELECTRIC KETTLES

Project _____
Item _____
Quantity _____
FCSI Section _____
Approval _____
Date _____

SHORT SERIES™ ELECTRIC KETTLES

35˝ RIM HEIGHT, TILTING, FULL STEAM JACKETED
SELF-CONTAINED, "SPLASH PROOF SERIES"
40 or 60 GALLONS (150 or 225 LITERS)

MODELS: ☐ KEL-40-TSH
☐ KEL-60-TSH

Cleveland Standard Features

- Self-contained, easily installed - needs only an electrical hook-up
- Steam jacket filled with treated water, venting and/or refilling is not required
- Accurate, consistant solid state temperature controls (mechanical thermostate not as accurate) - less than ±1°C variance (ideal for simmering). Operating temperature range from 145° - 260°F (63°C - 127°C)

  Control panel includes:
  • LED indicator for heat cycle • LED indicator for low water
  • Power ON/OFF switch • Adjustable temperature control dial
- Water resistant controls, splash-proof construction
- Large pouring lip for high capacity and chunky products
- Re-inforced rolled rim design prevents damage to kettle rim, eliminates "bar rim designs"
- Welded-in heating elements, (holds vacuum better, won't leak or loose water)
- Easily cleaned: kettle and all exterior surfaces are of type 304 stainless steel with an #4 finish
- Rear mounted easy access pressure gauge and pressure relief valve to prevent tampering. Color coded easy to read pressure gauge with "green" and "vent air zone"
- 50 psi steam jacket rating for higher cooking temperatures
- 50 psi safety valve
- Solid state water level control (no sight glass gauge to break or leak)
- Splash proof element cover with a double gasket seal
- Tilt mechanism of roller bearings and case hardened self-locking worm and segment gear
- 1 5/8˝ O.D. tri-leg supports with level adjustable feet for floor bolting
- Standard voltage is 208-240 volts, 60 Hz, 3 – phase, 3 wire
- Typical approvals include UL., CSA, CE, NSF and ASME

Options & Accessories

- ❒ 316 Stainless Steel Liner (316)
- ❒ 2" Tangent Draw-Off (TD2) (available in 40 gallon only)
- ❒ Kettle Markings (KM)
- ❒ Spring Assist Cover (CHS)
- ❒ Lift Off Cover (CL)
- ❒ Basket Strainer (BS)
- ❒ Measuring Strip (MS)
- ❒ Food Strainer (FS)
- ❒ Drain Strainer (DS)
- ❒ Steam Control Kit (SCK1)
- ❒ 240 Volt, Single Phase Option

Shown with optional spring-assisted cover and 2" tangent draw-off valve

Short Form Specifications

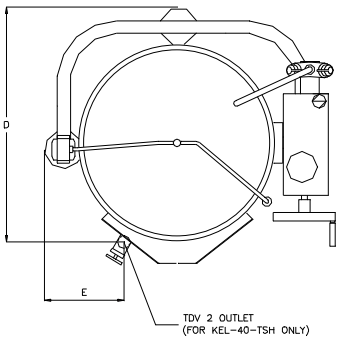
Cleveland Electric Tilting Kettle, Model KEL-____-TSH, 35" rim height, Type 304 Stainless Steel and Supports, Fully Steam Jacketed, 50 psi Steam Jacket Rating, Permanently filled Steam Jacket, 208-240 volts, 60 Hz, 3 Phase, Splash Proof Solid State Temperature (±1° C) and Safety Control System in plug-in Module including L.E.D. indicators.

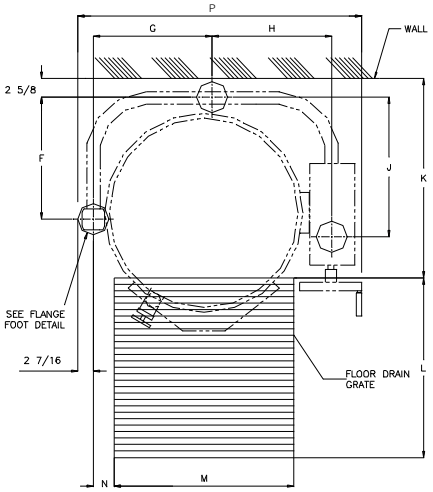
- ❒ Pan Carrier (PCK)
- ❒ Tri-Basket Strainer Support Systems (TBS)
- ❒ Kettle Accessory Kit (KAK)
- ❒ Flow Diverter (FD)
- ❒ Correctional Packages
- ❒ Hot and cold water faucet (DPK), or cold water (SPK). Requires faucet bracket (FBKT)
- ❒ Heat Deflector Shield (HS001)

1333 East 179 St.,
Cleveland, Ohio, U.S.A. 44110
Tel: 1-216-481-4900
Fax: 1-216-481-3782
Web Site: www.ClevelandRange.com
Email: Steam@ClevelandRange.com

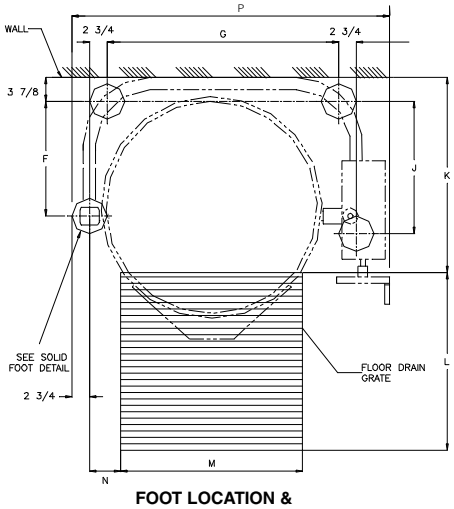
Enodis

- CAPACITIES: (in 8 oz. servings, other sizes may be calculated)
  40 Gallon / 150 liters ..... 640 servings
  60 Gallon / 225 liters ..... 960 servings

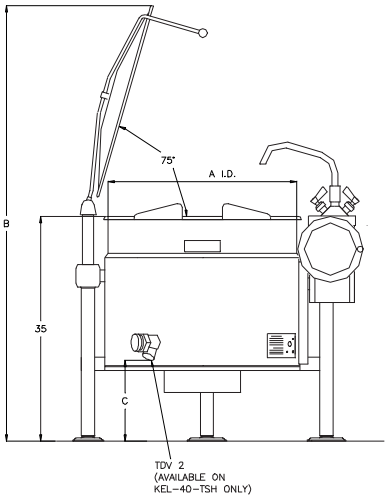


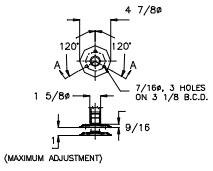


FOOT LOCATION & FLOOR DRAIN DETAIL (KEL-40-TSH)

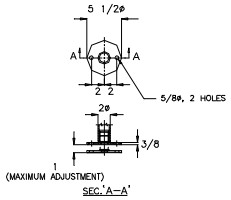


FOOT LOCATION & FLOOR DRAIN DETAIL (KEL-60-TSH)

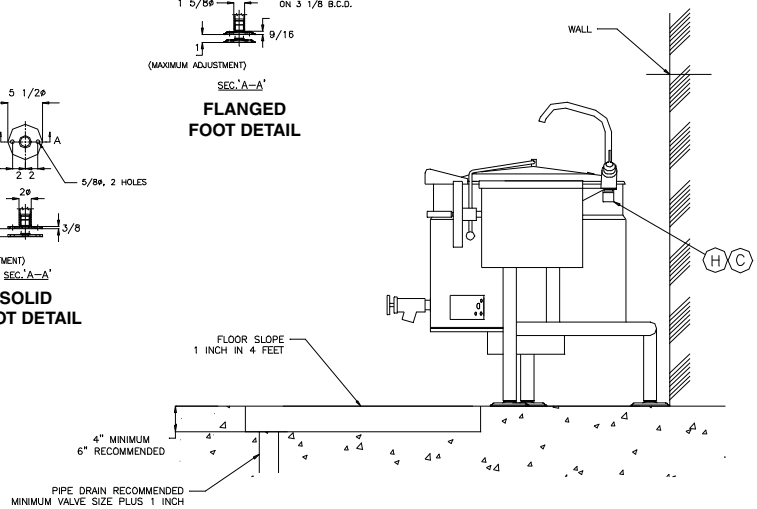




FLANGED FOOT DETAIL



SOLID FOOT DETAIL



SPECIFICATIONS

MODEL	SHIPPING WEIGHT (LBS)	CLEARANCE:
KEL-40-TSH	415	RIGHT: ALLOW 12" SPACE MINIMUM ON RIGHT SIDE FOR SERVICE
KEL-60-TSH	470	LEFT: 0 INCHES REAR: 0 INCHES

DIMENSIONS

KETTLE	A	B	C	D	E	F	G	H	J	K	L	M	N	P
KEL-40-TSH	29 1/2	68 1/4	13 1/4	37	10 1/4	19	18 9/16	18 11/16	21 3/4	29	28	28	3 1/4	45
KEL-60-TSH	33	70 3/4	9 1/2	N/A	N/A	21 1/2	11 3/8	N/A	24 1/4	33 1/2	30	30	4	48 1/2

UTILITIES

Ⓗ HOT WATER:
Ⓒ COLD WATER:
PIPING: 1/2" NPT (DOUBLE)
PIPING: 3/8" COPPER TUBE (SINGLE)

STANDARD WATTAGE

		208V			240V			416V			480V		
			AMPS	AMPS		AMPS	AMPS		AMPS	AMPS		AMPS	AMPS
GALS.	LITERS	KW	1PH	3PH	KW	1PH	3PH	KW	1PH	3PH	KW	1 PH	3PH
40	150	14.7	70.8	40.9	19.6	81.7	47.1	18.1	43.5	25.1	19.6	40.8	23.6
60	225	14.7	70.8	40.9	19.6	81.7	47.1	18.1	43.5	25.1	19.6	40.8	23.6

HIGH WATTAGE

		208V			240V			416V			480V		
			AMPS	AMPS		AMPS	AMPS		AMPS	AMPS		AMPS	AMPS
GALS.	LITERS	KW	1PH	3PH	KW	1PH	3PH	KW	1PH	3PH	KW	1 PH	3PH
40	150	24.5	N/A	68.1	30	N/A	75.3	32.6	68.1	39.3	25.1	66.2	38.2
60	225	29.4	N/A	81.7	39.2	N/A	94.3	39.2	81.7	47.1	30.2	79.4	45.9

Consult factory for other voltages.

CLEARANCE

RIGHT = 0
LEFT = 0
REAR = 0

Allow 12" minimum on right side for servicing.

NOTES:
Cleveland Range reserves right of design improvement or modification, as warranted.
Many regional, state and local codes exist and it is the responsibility of the owner and installer to comply with the codes.
Cleveland Range equipment is built to comply with applicable standards for manufacturers. Included among those approval agencies are U.L., NSF, CGA, CSA, ETL and others.